

Fig 1

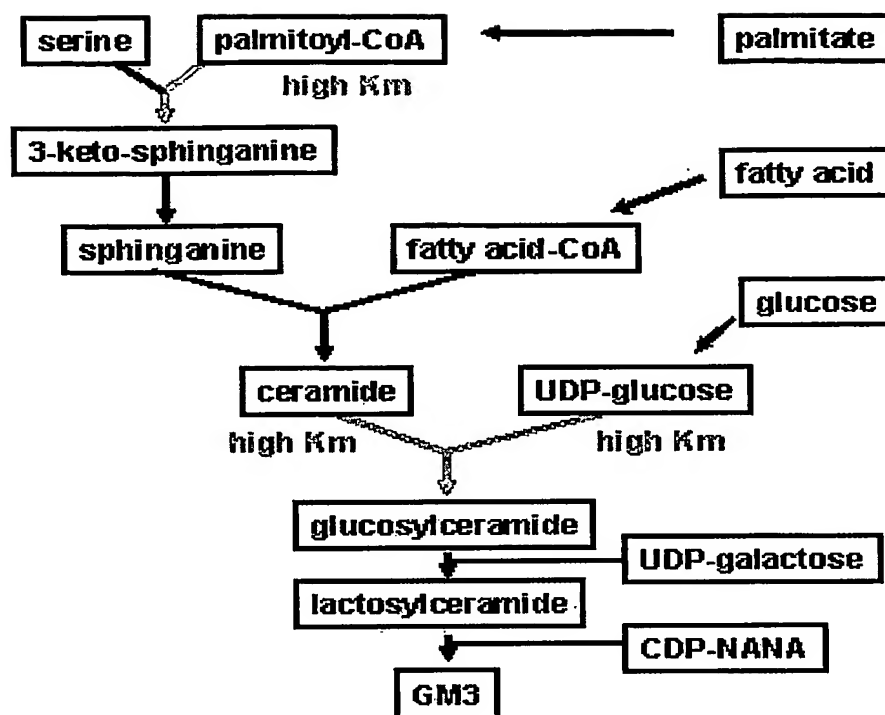


Fig 2

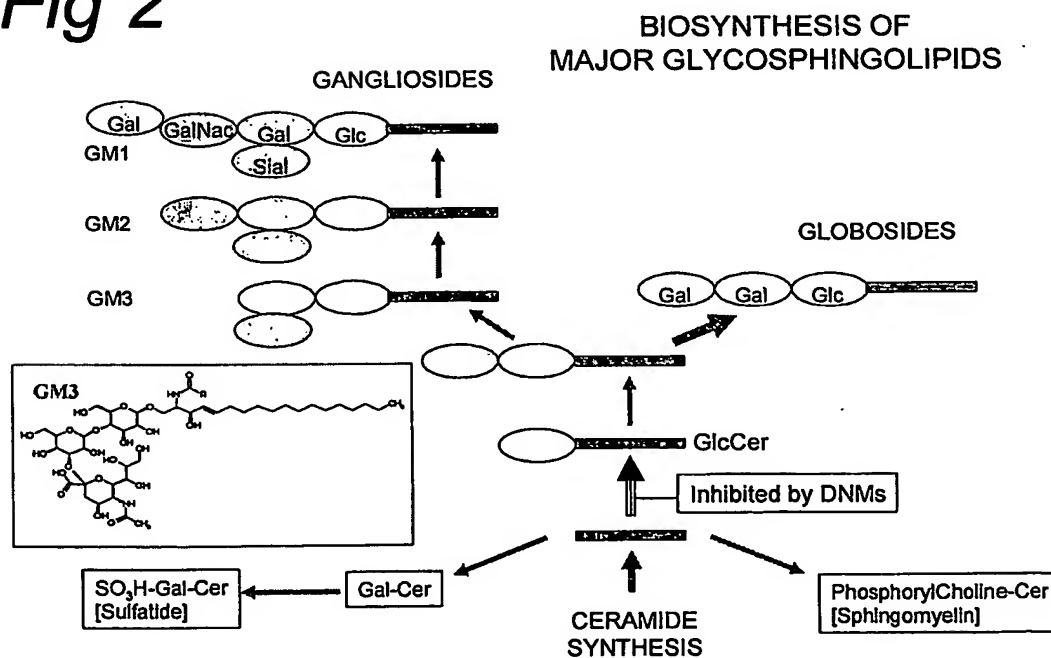


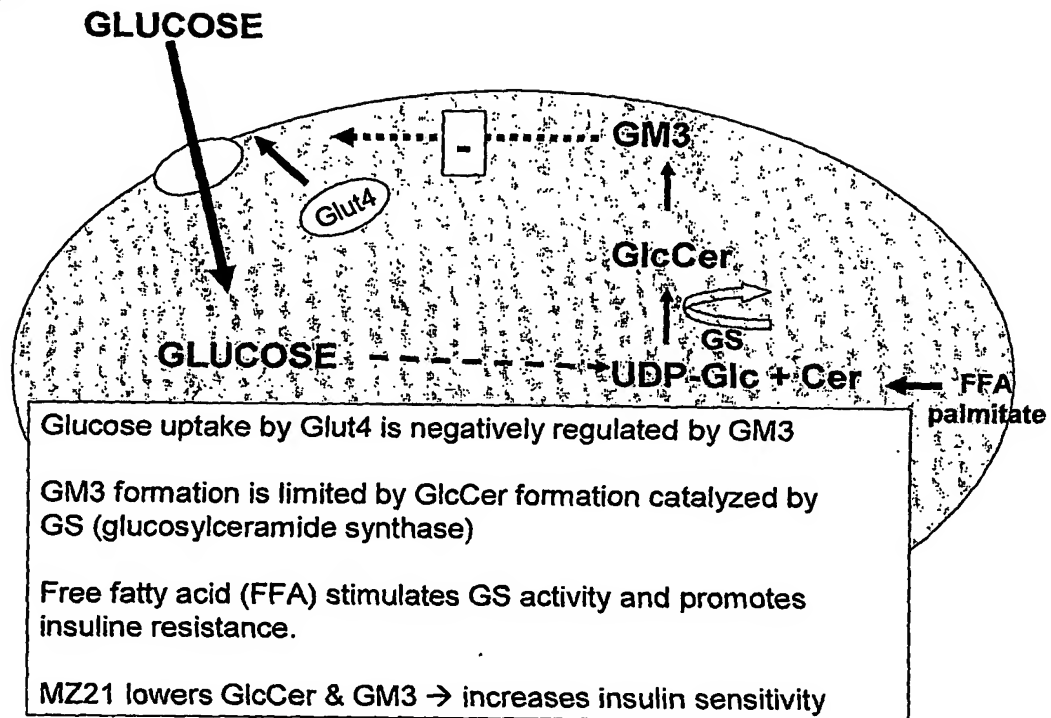
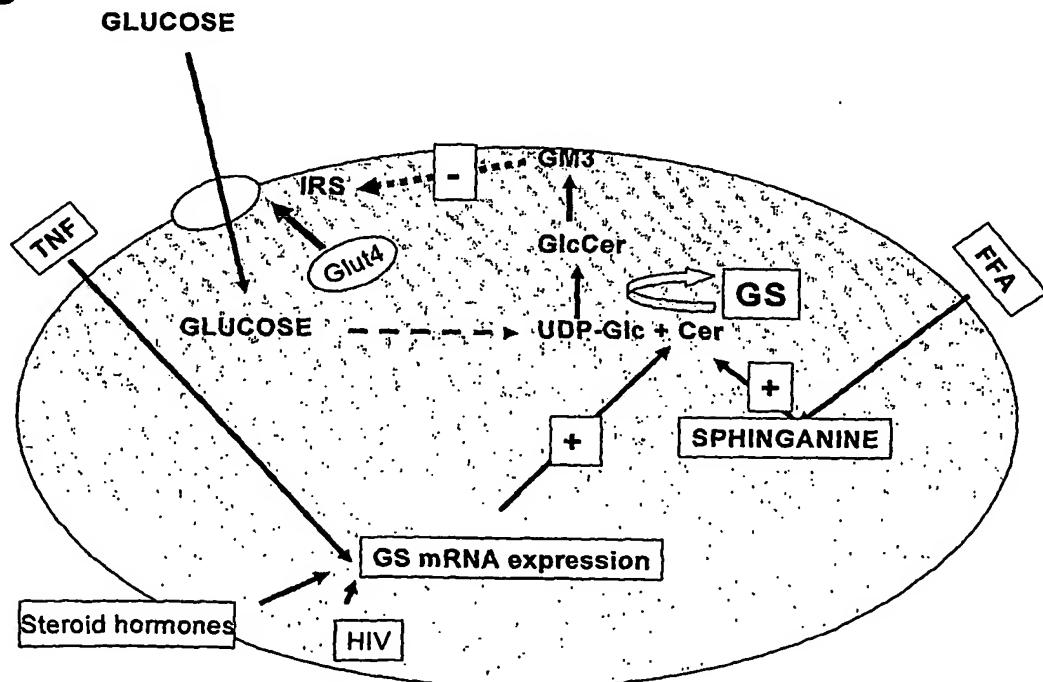
Fig 3**Fig 4**

Fig 5

BL/6J mice:
Changes in blood glucose,
water intake and food intake
following daily oral MZ21

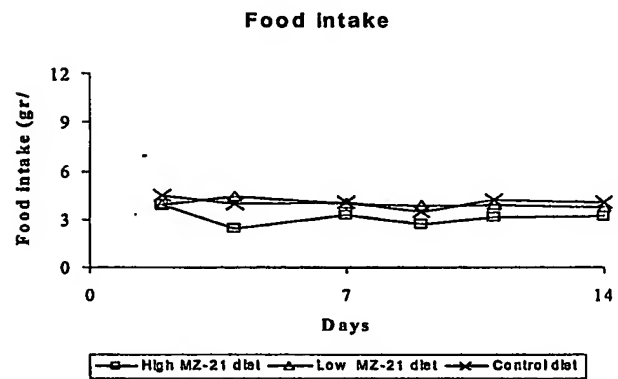
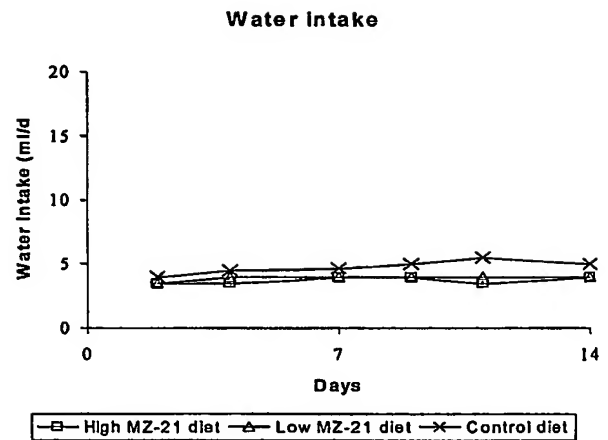
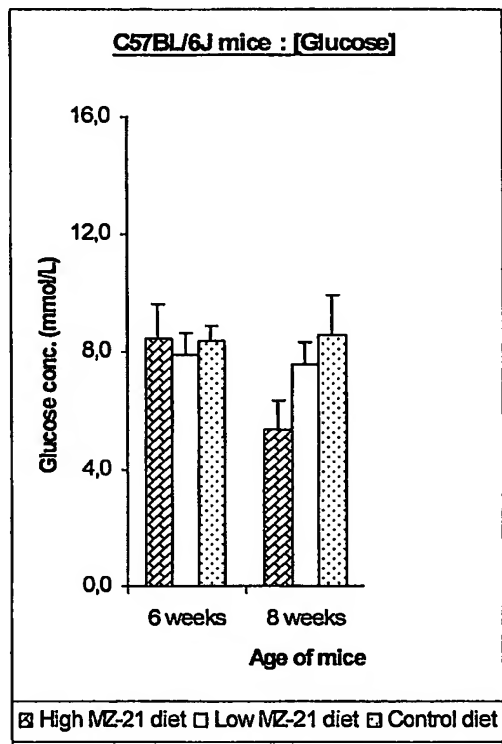


Fig 6

Ob mice:
Changes in blood glucose,
water intake and food intake
following daily oral MZ21

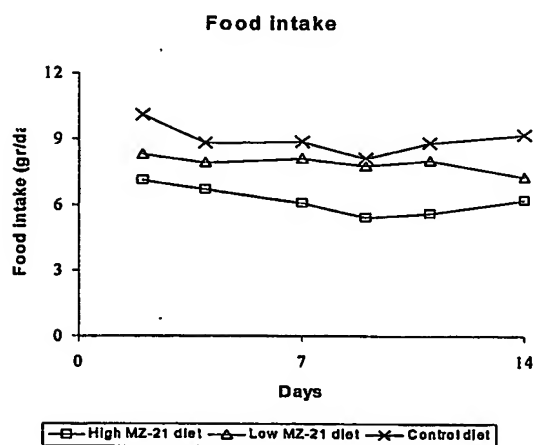
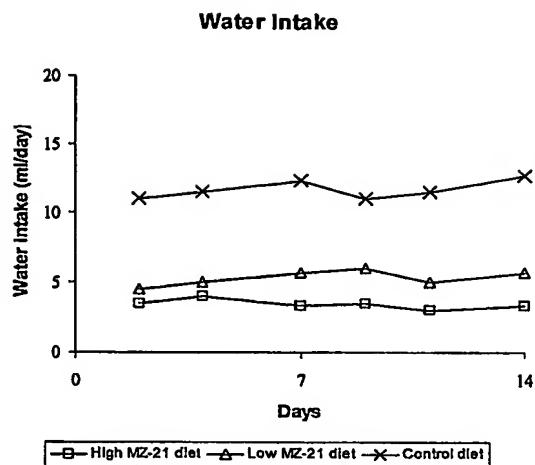
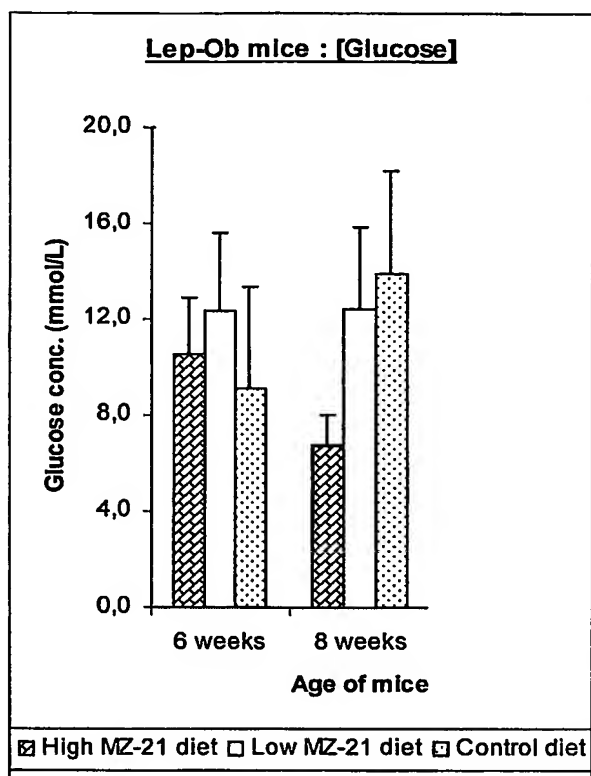
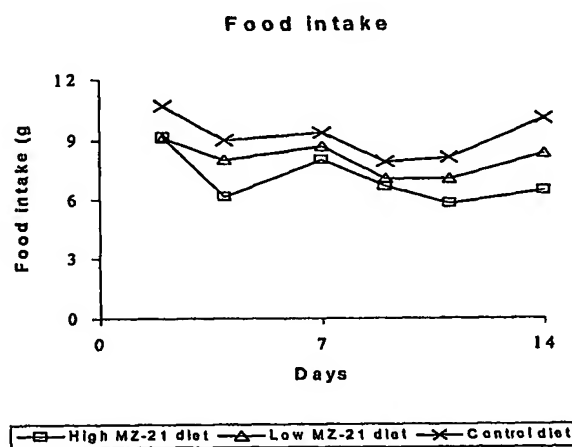
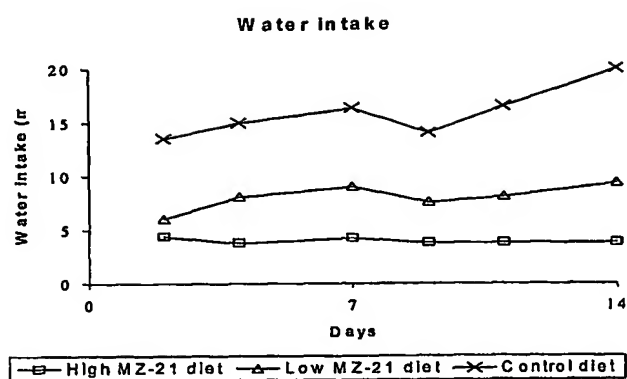
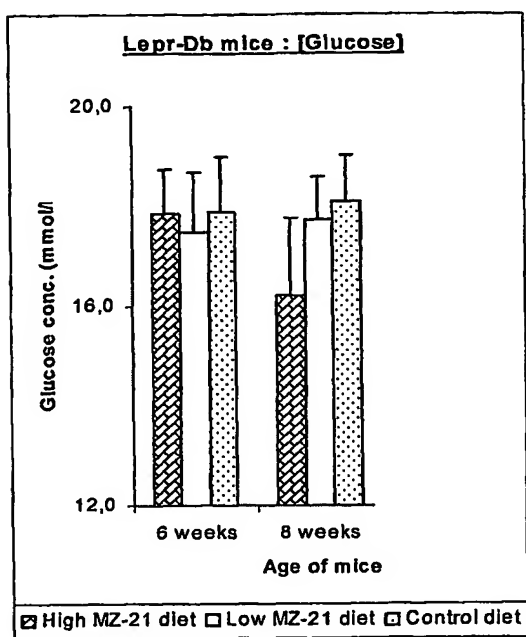


Fig 7

Db mice:
Changes in blood glucose,
water intake and food intake
following daily oral MZ21



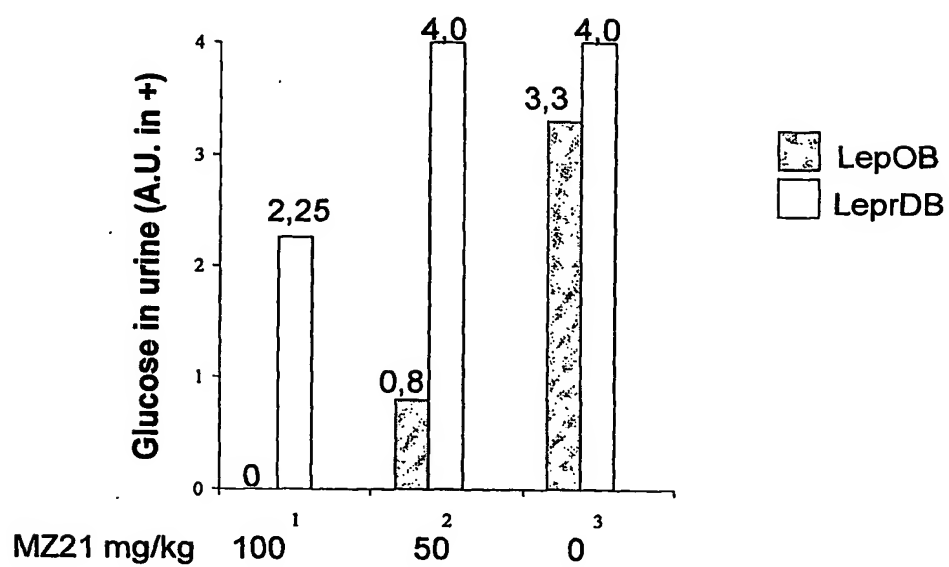
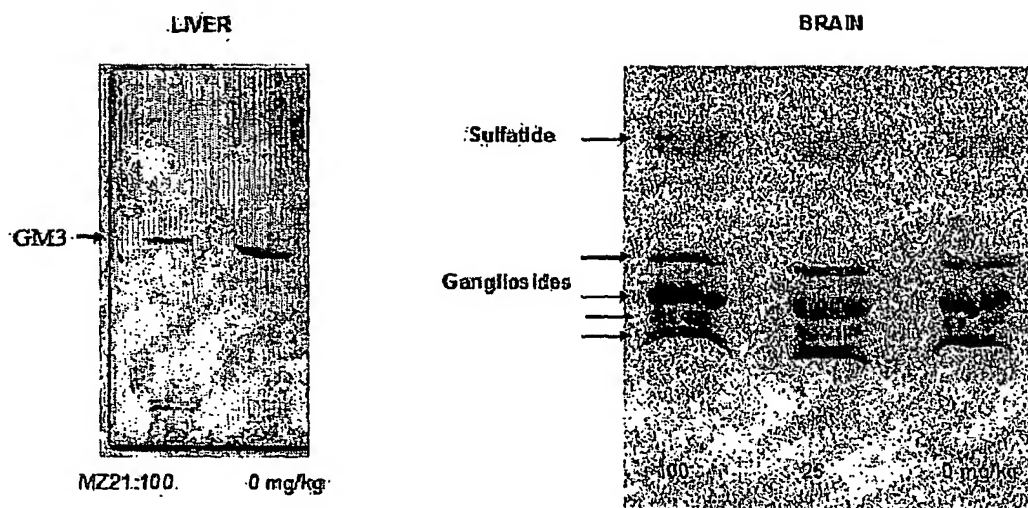
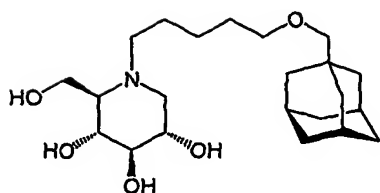
*Fig 8***Effect MZ21 on urinary glucose**

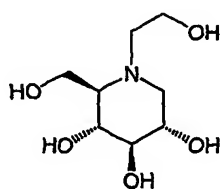
Fig 9

MZ-21 reduces liver GM3

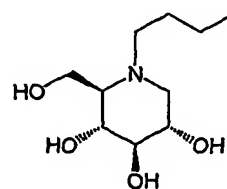
MZ-21 has no effect on brain gangliosides, arylsulfatide or galactosylceramide

Fig 10

N-(5-adamantane-1-yl-methoxy-pentyl)deoxynojirimycin



N-hydroxyethyl-deoxynojirimycin



N-butyl-deoxynojirimycin